

GIS Users Meeting August 2014 Minutes

Welcome by Everett Root, Office of Technology Partnerships

Introductions-

Federal

USDA - FSA - Sara AcMoody – Provided a NAIP 2014 acquisition status map.

USGS – Charley Hickman – Hydrography – Michigan Drain Commissioner's final report is available.

Topographic Maps – Half the state is covered and the maps are starting to become available.

LIDAR – Possible Michigan funding. Broad Area Announcement.

Inventory is ongoing for Muskegon and Kent.

State

CSS - Everett Root - 10.2 Server is up and running, but not all services are converted.

MISAIL 2014 flights are complete. 4 Counties are in review for approximate October 1 delivery date. All 9 counties in southeast Michigan are buying in for 2015. January 1 will be the final decisions. LIDAR 2015 FEMA will use MISAIL to collect 9,000 sq. miles. 5 U.P. Counties, and 6 or 7 Counties in NW and SW Lower Michigan.

Thanks to all who participated in the survey for MIS.

CSS completed updates to MiPage, Geo Webface, and DEQ Drinking water applications.

On the new GIS Forum 2 people created logins.

Looking for ideas for presentations for the GIS Meetings. If you have any ideas please contact Everett or Josh.

Josh Ross – Framework – 2014 Delivery is complete. 2015 is up and running and accepting changes.

MDOT - Hunter Grover – Survey Support –Updating Land Corners.

Joyce Newell – National Functional Classification review. National Highway System updates

Associations

MICAMP – Andrew Hartwick – MICAMP Conference will be held this year September 17-19 at Boyne Mountain. Still openings for lightening sessions. Ends at noon on Friday.

IMAGIN – Tom VanBruggen – IMAGIN conference next year to move to the month of May, and perhaps be held at a different location. Traverse City has been suggested.

Local

Kevin Funtik – Wayne County – Working on the jails' inmate management system, roads and address information. It should go live next spring. New GIS user in the Parks Department. They are filming the new Batman movie in the Guardian Building.

Tatiana Vlad – Wayne County – Have a new GIS intern. Also parcel layer is in great shape with 99% accuracy in the tax and zoning maps.

Andrew Hartwick – St. Joseph County - Re-monumentation Counties are re-writing plans. LCRC's must have Lat/Longs on them. Co-ordinate requirements must be written into the County Plans. 2033 is the deadline for the whole state to be completed.

Tom VanBruggen – Muskegon County – QAQC on 2013 and 2014 flight Pictometry. Wrapping up Strategic Plan update, leading to a budget request for GIS expansion for 10.3 to address virtual desktop issues.

Brent Thelen – Calhoun County – Moving from 10.0 to 10.2 as part of the SAW Grant. GIS Department has moved out of Equalization and into Community Development.

Pete Schneider – Ottawa County – Trying to do election Mapping. Updating web maps and recreation maps.

Bryan May – Ionia County – Cataloging Register of Deeds, and rectifying plats.

April Kibby – City of Three Rivers – Working on street improvement project.

Sam Quon – City of Lansing, Asset Management Program kickoff, also assisting Ingham County 911 with CAD updates.

Wade Prestonise – Meridian Township – Migrated Sanitary Data. Working on SAW Grants.

Regional

SEMCOG – Ann Burns – Redesigning the Web site. Migrating databases from Oracle to SQL Server, and preparing for 2015 aerial acquisition flights. Working on a parking inventory for the region. The next SEMCOG Users Group Meeting will be September 11th.

Others

Ed Schools – MNFI/MSU – Doing field collections with ARCGIS Collectors.

Rebecca Rogers – MNFI/LCC – Working on endangered species, online applications and Web site migration

Joe Welsh– MSU – SAW training. MDOT Asset Management, and Flight testing for fixed wing. VAS.

Susan Henson – Lawrence Technical University – Working with weather station data.

Emily Renkema – LCC - Human Trafficking Task Force, Looking for Indiana GIS data to assist mapping efforts.

Special Topic

Vehicle Crash Location Data: How the Michigan State Police interfaces with the Michigan Geographic Framework to process traffic crashes and how MDOT utilizes this data to make traffic safety decisions.

Scott Carlson and Sydney Smith from the Michigan State Police Crash Unit.

<http://www.michigantrafficcrashfacts.org/>

Crash unit does training of officers to fill out the UD-10 form that locates and provides information about the crashes. State Police process over 300,000 crashes per year and are 95% compliant. Quality of data depends on how an officer fills out the UD-10 form. TCMS Mapping system maps from the form thru batch cycles if the data on the form is accurate. Trying to gather more accurate data to gather data electronically in the UD-10, where the map will come up electronically and the officer can place a pin where the crash occurred.

Bob Rios and Heidi Spangler from MDOT: Analysis of crash locations.

Safety aspects of CRASH location, is it a road problem or something else.

Analysis on where the crashes are happening to see if the road has a problem

5% of worst locations. Fatal crash maps show where the bad spots are so MDOT can fix the road if that is the problem. Most crashes are the fault of the drivers, not the road. Roadsoft system of crash site data. State police have 10 types of road crash sites, roadsoft breaks out 26 types of road crash sites, both on the trunklines and at the local road level.

Afternoon Session

Part 1, Michigan Land Bank Fast Track Authority(MLB), Ryan McNeil

MLB is tasked with the mission to promote economic growth in Michigan through the acquisition, assembly, and disposal of public property, including tax reverted property, in a coordinated manner to foster the development of that property, and to promote and support land bank operations at the county and local levels. MLB identifies blighted areas and works to eliminate them to encourage economic growth in the blighted areas. MLB partners with local agencies to make this happen.

Part 2, Kent State University, Tom Veldman

Kent State has worked with the MLB to do spatial video. Spatial video is a GPS-embedded video technology where blighted homes in targeted cities can be videotaped and GPS located across multiple time periods to assess housing conditions. A very cost effective and safe way to do assessments of blighted area, as assessments can be done back in the office while viewing the video and linking it into ArcGIS.